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ABSTRACT

Effective parental involvement extends itself beyond the classroom and into the home by providing academic support. Indeed, parents must be committed to strengthening the partnership between the home and Mississippi's schools. This curriculum guide, with a clear, easy-to-follow design, is intended as a resource guide to help parents understand the Mississippi Curriculum Frameworks for reading, language arts, and mathematics through eighth grade. The purpose of this guide is to provide parents with a description of what children are expected to know and be able to do in reading, language arts, and mathematics. In addition, the guide can and should be used in the home to extend what children are learning in school. The guide is organized by curriculum frameworks and grade level. It cites "benchmarks" consisting of what a child should be able to do by the end of the designated grade level, and items have been included for each benchmark from which the new Mississippi Grade Level Testing Program will be based upon. The guide is divided into the following sections: Mississippi Pre-Kindergarten Curriculum; K-3 Reading Instructional Intervention Supplement; K-3 Writing Instructional Intervention Supplement; 4-8 Reading Instructional Intervention Supplement; 4-8 Writing Instructional Intervention Supplement; English Language Learners Instructional Intervention Guide; and Mathematics Instructional Intervention Supplement. (NKA)

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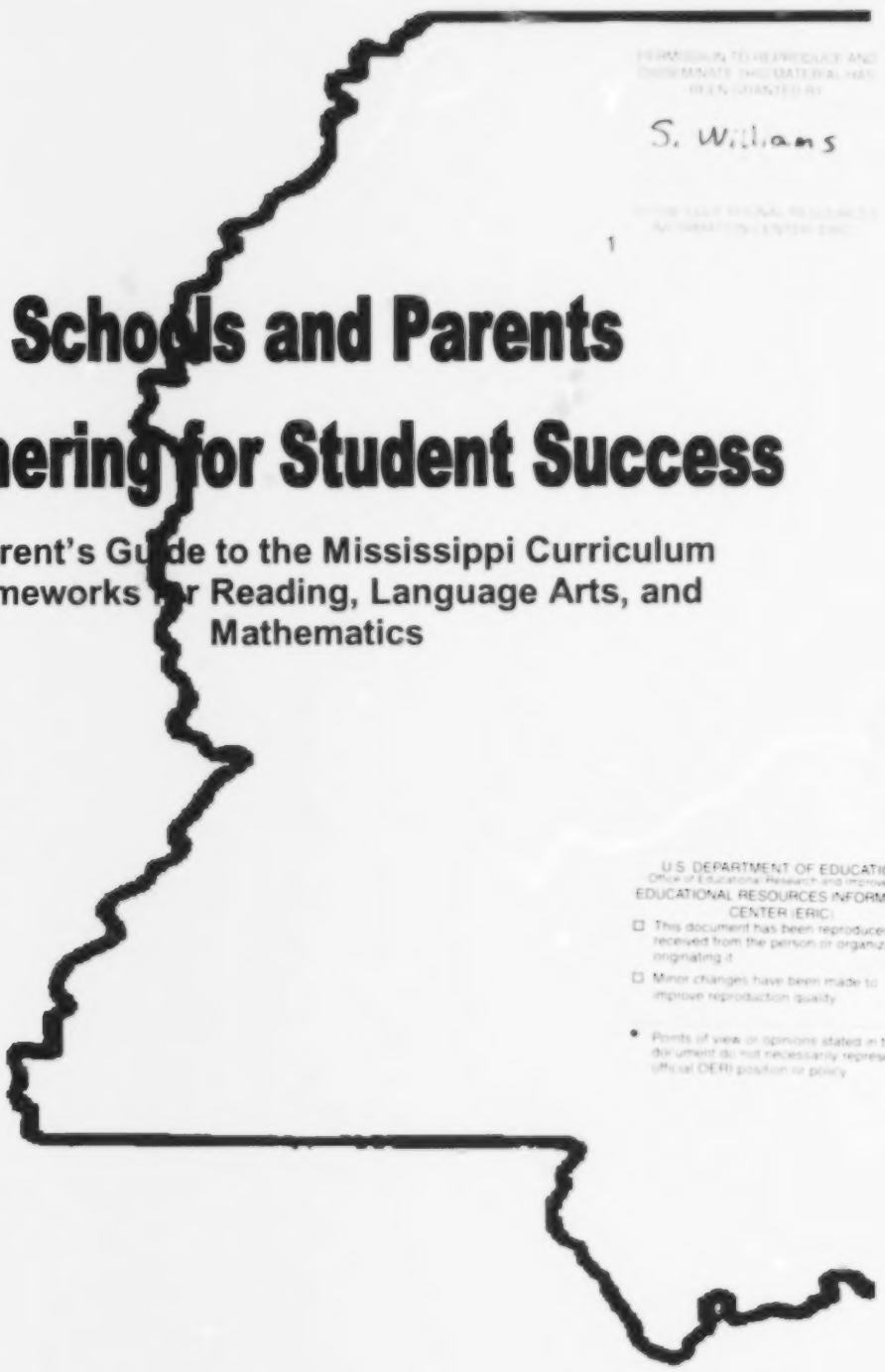
A Parent's Guide to the Mississippi Curriculum Frameworks for Reading, Language Arts, and Mathematics



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Quality Education for Every Child...Every Child a Reader

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Schools and Parents Partnering for Student Success

A Parent's Guide to the Mississippi Curriculum Frameworks for Reading, Language Arts, and Mathematics

2000

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Introduction

Parents are their child's first teachers in life and as a general rule know their child better than anyone else. Parents have valuable insights into their child's needs, strengths, abilities and interests. The collaboration of this perspective with schools can help both parents and staff to understand and guide each child toward success-thus building a Partnership for Student Success!

Purpose:

Schools and Parents Partnering for Student Success was designed as a resource guide to help parents understand the Mississippi Curriculum Frameworks for Reading, Language Arts and Mathematics for kindergarten through eighth grade. The purpose of this publication is to provide parents with a description of what children are expected to know and be able to do in Reading, Language Arts and Mathematics. In addition, the document can and should be used in the home to extend what children are learning in school.

Organization:

This publication is organized by curriculum frameworks and grade level.

Benchmarks-consist of what a child should know and be able to do by the end of the designated grade level.
Items-have been included for each benchmark from which the new Mississippi Grade Level Testing Program will be based upon.
Additional resources-these publications should be utilized by parents to help their child succeed in school. These resource publications are all included in the Mississippi Curriculum Frameworks and can be located in each local school district and on the Office of Instructional Development web site: http://www.mde.k12.ms.us.

Effective parental involvement extends itself beyond the classroom and into the home by providing academic support. Indeed, in order to promote student success, parents must be committed to strengthening the partnership between the home and Mississippi's schools.

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Grade Level	Benchmarks	Items
Mississippi Pre-Kindergarten Curriculum (Language Development: The Gateway to Reading Success)	**Demonstrates an awareness of print**	1) Develops left to right progression 2) Develops an understanding of top to bottom directions 3) Holds a book in the correct way 4) Recognizes local environmental print 5) Understands that print conveys meaning 6) Recognizes first name in print 7) Names some (8-10) letters, especially those from own name 8) Matches same letter (visual discrimination—uppercase to uppercase, lowercase to lowercase) 9) Attempts writing (scribble/ drawing) 10) Understands that different text forms are used for different functions of print
	Constructs meaning when responding to a story read or to a picture	11) Joins in reading of predictable/pattern books 12) Produces an imagined story to accompany pictures 13) Begins to predict an outcome 14) Develops an awareness of cause and effect 15) Begins to differentiate reality from fantasy 16) Shows an interest in books and reading 17) Connects information from a story to life experiences 18) Demonstrates understanding of literal meaning of story through questions and comments
	Exhibits developmentally appropriate oral language for communication purposes	19) Expresses wants, needs, and thoughts in primary language (makes choices) 20) Retells a familiar story using own words 21) Dictates a story 22) Retells a personal story 23) Responds to questions in conversation using words and phrases in the primary language

Grade Level	Benchmarks	Items
Mississippi Pre-Kindergarten Curriculum (Language Development: The Gateway to Reading Success)	**Exhibits developmentally appropriate oral language for communication purposes**	24) Participates in conversation while interacting with peers 25) Recalls sequence of events 26) Uses positional words in proper context 27) Uses phrases and simple sentences 28) Interprets pictures orally 29) Uses new vocabulary and grammatical constructions in own speech 30) Repeats favorite rhymes and songs
	Begins to demonstrate phonemic awareness	31) Distinguishes sound units/syllables (clapping/ stomping/finger tapping) 32) Recognizes rhyming words 33) Begins to notice beginning phonemes/sounds (no graphemes/letters)
	Develops listening skills	34) Understands and follows oral directions 35) Listens attentively to a story 36) Listens to music
Mississippi Pre-Kindergarten Curriculum (Mathematics Language Development: Math Concepts)	**Describes things by color, size, and/or shape**	37) Sorts objects by color, size, and/or shape 38) Identifies color, size, and/or shape of objects 39) Recognizes color, size, and/or shape of objects in environment
	Recognizes how things are alike (Comparisons)	40) Explores the concept of how things are alike through manipulative experiences 41) Identifies alike and different 42) Categorizes objects that are alike
	Identifies objects that belong together (Classifies)	43) Selects objects that go together 44) Explains how things are related
	Demonstrates understandings of positional words (Measurement)	45) Shows understanding of positional words (e.g., before, after, over, under) 46) Uses positional words correctly when communicating (e.g., first, next, last, over, under)
	Develops a sense of numerical concepts (Number Sense)	47) Shows one-to-one correspondence 48) Counts objects 49) Identifies more, less, and same 50) Recognizes numbers
	Recognizes patterns	51) Describes patterns 52) Reproduces patterns

Grade Level	Benchmarks	Items
Mississippi Pre-Kindergarten Curriculum (Social/Emotional Development)	Plays by themselves and in small groups of two to five (Collaborative Play)	53) Uses acceptable ways of joining in an on-going activity or group 54) Begins give and take cooperative play 55) Waits his/her turn in playing games or using materials 56) Respects others' feelings in the context of group play 57) Shows pleasure in being with and having friends 58) Uses appropriate language in the context of social play 59) Interacts nonverbally with others with smiles, waves, and nods, as well as responding to nonverbal cues
	Develops listening skills	60) Follows simple (one-step) directions 61) Shows sensitivity to others as they speak in small or large group settings (taking turns in speaking in small/large group settings) 62) Listens attentively to adults when interacting with them
	Develops problem-solving skills for resolving conflicts	63) Approaches others positively 64) Negotiates solutions and develops compromises with others in an age-appropriate manner 65) Develops an awareness of the feelings of others 66) Uses words rather than physical means to solve problems and express anger 67) Expresses own rights and needs appropriately 68) Begins to accept the consequences of their actions
	Assumes age-appropriate responsibilities in the classroom	69) Participates in routines (large and small group time, transition time, and so forth) 70) Demonstrates appropriate use and care of classroom and personal materials
	Assumes age-appropriate responsibilities in the classroom	71) Begins to understand the concept of personal property versus community (classroom) property or the property of others 72) Understands the need for rules and begins to follow them 73) Makes relevant contributions to group time activities

Grade Level	Benchmarks	Items
Mississippi Pre-Kindergarten Curriculum (Social/Emotional Development)	**Develops a positive self-concept**	74) Offers and accepts affection and appreciation 75) Shows acceptance of individuals from different family configurations, cultural, and/or racial groups through positive interactions with class members and school staff 76) Expresses wishes and preferences clearly in an age-appropriate manner 77) Shows interest in others by exchanging information with them 78) Takes initiative in problem-solving 79) Takes pride in their accomplishments and accepts disappointments without loss of interest in or focus on the activities at hand
	Develops age-appropriate self-control	80) Begins to accept not being first at a game, activity, or classroom routine such as lining up 81) Expresses frustrations and anger effectively without harming themselves, others, or property (verbal or nonverbal responses) 82) Uses restraint and does not call inappropriate attention to themselves
	Develops imagination and creativity	83) Uses descriptive language in role playing 84) Uses the arts (e.g., visual arts, music, dance) to express thoughts and feelings about the world in which the student lives 85) Uses words and pictures to create stories that describe feelings
Mississippi Pre-Kindergarten Curriculum (Physical Development: Fine, Gross, and Sensory Motor Development)	**Attends to basic self-help skills (Personal Health Safety)**	86) Uses appropriate language to convey needs and actions 87) Attends to daily routine tasks
	Uses eye/hand coordination to perform fine motor tasks	88) Engages in language during play 89) Manipulates objects 90) Uses writing, drawing, art, kitchen tools/manipulatives, and the workbench with increasing skill and purpose

Grade Level	Benchmarks	Items
Mississippi Pre-Kindergarten Curriculum (Physical Development: Fine, Gross, and Sensory Motor Development)	**Demonstrates awareness and understanding of body and objects in physical space (Gross, Fine, and Personal Health Safety)**	91) Demonstrates use of positional words 92) Imitates body positions 93) Demonstrates balance and coordination
	Shows judgment in interacting with play, materials, and equipment (Gross, Fine, and Personal Health Safety)	94) Follows one and two-step directions with one object 95) Observes rules 96) Makes choices about materials and their use

Grade Level	Benchmarks	Items
K-3 Reading Instructional Intervention Supplement (Kindergarten)	**Attends and responds to print**	1) Retells a familiar story using own words 2) **Moves hand in space from left to right** 3) Understands left to right progression on the page; top to bottom directions 4) Holds a book in correct way 5) Understands return sweep; identifies direction in which print is read 6) Recognizes print in the environment 7) Reads some environmental print (signs/labels) 8) Reproduces a pattern using concrete objects
	Has sense of story	9) Listens attentively to a story 10) Engages in reading-like activities 11) Joins in reading of familiar books 12) Begins to read predictable/pattern book 13) Dictates a story 14) Identifies words in an experience story 15) Understands that print conveys meaning
	Exhibits developmentally appropriate oral language for communication purposes	16) Retells a personal story 17) Responds to questions in conversation using words and phrases in the primary language 18) Participates in conversation while interacting with peers 19) Can sequence in proper order 20) Recalls sequence of events 21) Uses positional words 22) Speaks in sentences 23) Expresses wants, needs, and thoughts in primary language

Grade Level	Benchmarks	Items
K-3 Reading Instructional Intervention Supplement (Kindergarten)	Recognizes uppercase and lowercase letters	24) Points to and says letters in the child's name 25) Names printed letters 26) Can match letters
	Uses knowledge of letter-sound (grapheme/ phoneme) relationships to manipulate sounds in the written word	27) Responds to cue words that begin with the same sound 28) Responds to cue words that end with the same sound 29) Responds to cue words that rhyme 30) Identifies the relationship between letters and sounds
	Demonstrates phonemic awareness	31) Distinguishes sound units/syllables (clapping/stomping/finger tapping) 32) Produces rhyming words 33) Recognizes the same phoneme orally 34) Isolates the beginning sound in a word orally 35) Blends and segments sounds in two phoneme words (e.g., *at*—a-t, *me*—m-e)
	Constructs meaning when responding to print	36) Interprets a picture orally 37) Produces an imagined story to accompany pictures 38) Predicts an outcome 39) Develops an awareness of cause and effect 40) Makes transfer of knowledge through demonstrated application 41) Begins to differentiate reality from fantasy 42) Understands position words (e.g., in, on, above, below, under, over, beside, front, back, etc.)
	Creates a written form using various materials	**43) Reproduces a visual pattern** 44) Approximates writing using scribble/drawing to communicate an idea 45) Begins to use letters to communicate ideas 46) Traces shapes 47) Draws an enclosed space that is recognizable (e.g., circle, box, etc.) 48) Legibly writes first name from memory

Grade Level	Benchmarks	Items
K-3 Reading Instructional Intervention Supplement (Kindergarten)	**Develops listening skills**	**49) Follows simple directions** 50) Listens to an age-appropriate story
	Develops and expands sight vocabulary	**51) Reads and recognizes proper names of classmates** 52) Reads labeled objects in room 53) Reads and recognizes words representing familiar objects
K-3 Reading Instructional Intervention Supplement (Grade 1)	**Demonstrates an awareness of books, print, and reading process**	**1) Identifies where the reader would begin and end; points to a letter and a word** 2) Demonstrates knowledge of concept of word boundaries and letters
	Uses language to establish a connection and to interact with print	3) Experiences/engages in retelling stories (brings personal experiences to stories) 4) Follows oral directions **5) Processes language presented orally in stories and discussion** 6) Expresses self through drawing/writing 7) Demonstrates that reading is a process of gaining meaning
	Reads orally with fluency based on rate, intonation, phrasing, and naturalness	8) Recognizes many sight words (high frequency, instruction connecting) 9) Attempts to use all cues available (e.g., syntax, context, language predictability) when reading
	Extends phonemic awareness	10) Pronounces all sounds in words containing two or three phonemes 11) Blends sounds in words containing initial and final blends
	Uses letter-sound (grapheme/phoneme) relationships to identify words in context	12) Recognizes letter-sound associations 13) Recognizes word families and rhyming words 14) Identifies new words by picture cues 15) Identifies likeness and differences in words and letters 16) Knows how to make new words 17) Decodes words using phonemes

Grade Level	Benchmarks	Items
K-3 Reading Instructional Intervention Supplement (Grade 1)	Derives meaning from text and extends meaning beyond the print	18) Attends to a story read aloud 19) Retells a story with elaboration and with meaningful sequence 20) Recognizes fact from fantasy 21) Makes predictions 22) Utilizes picture/context cues
	Develops listening skills	23) Follows directions 24) Listens attentively with understanding to a story
K-3 Reading Instructional Intervention Supplement (Grade 2)	**Demonstrates an awareness of books, print, and reading process**	**1) Recognizes parts of a story** 2) Uses table of contents and glossary
	Uses language to establish a connection and to interact with print	**3) Follows oral and written directions** **4) Demonstrates comprehension of words, sentences, directions, and stories** **5) Communicates in written form** **6) Identifies/spells many words** **7) Spells frequently-used words correctly** **8) Expands sight vocabulary**
	Reads orally with fluency based on rate, intonation, phrasing, and naturalness	9) Self-corrects when reading miscue
	Demonstrates phonemic awareness	10) Blends phonemes (sounds) orally to make a word 11) Segments phonemes (sounds) orally in words 12) Manipulates phonemes (sounds) orally in words
	Uses knowledge of letter-sound (grapheme/ phoneme) relationships to decode words	13) Recognizes word patterns (suffixes and prefixes) 14) Recognizes vowel sounds 15) Decodes words using phonemes 16) Figures out unknown words in context, using meaning cues, sentence-structure cues, and phonetic generalizations

Grade Level	Benchmarks	Items

K-3 Reading Instructional Intervention Supplement (Grade 2)	Derives meaning from text and extends meaning beyond the print	17) Retells a story 18) Determines cause and effect 19) Reads for more than one purpose 20) Reads with understanding 21) Utilizes picture/context cues 22) Recognizes synonyms, antonyms, homonyms, contractions, and compound words
	Derives meaning from text and extends meaning beyond the print	23) Draws conclusions from reading 24) Recalls details 25) Makes and revises predictions 26) Compares and contrasts
	Develops listening skills	27) Follows directions 28) Listens attentively to a story
K-3 Reading Instructional Intervention Supplement (Grade 3)	**Demonstrates proficiency in the reading process**	1) Reads fluently with speed, accuracy, pacing, and inflection 2) Reads fluently with understanding
	Uses language to establish a connection and to interact with print	3) Follows oral and written directions 4) Demonstrates comprehension of words, sentences, directions, and stories 5) Communicates in written form 6) Identifies/spells many words 7) Spells frequently-used words correctly 8) Expands sight vocabulary
	Reads orally with fluency based on rate, intonation, phrasing, and naturalness	9) Self-corrects when reading miscue
	Uses letter-sound (grapheme/phoneme) relationships to identify words in context	10) Extends word patterns 11) Decodes unknown words in context using meaning cues, sentence structure cues, and phonetic generalizations
	Derives meaning from text and extends meaning beyond the print	12) Determines cause and effect 13) Reads for more than one purpose 14) Utilizes picture/context cues

Grade Level	Benchmarks	Items
K-3 Reading Instructional Intervention Supplement (Grade 3)	Derives meaning from text and extends meaning beyond the print	15) Recognizes synonyms, antonyms, homonyms, contractions and compound words 16) Draws conclusions from reading 17) Recalls details 18) Makes and revises predictions 19) Compares and contrasts 20) Uses title page, table of contents, index, and glossary as information sources
	Extends listening skills	21) Follows directions 22) Listens to oral reading
K-3 Writing Instructional Intervention Supplement (Kindergarten)	Exhibits developmentally appropriate oral language for communication purposes	1) Retells a personal story 2) Responds to questions in conversation using words and phrases in the primary language 3) Participates in conversation while interacting with peers 4) Can sequence in proper order 5) Recalls sequence of events 6) Uses positional words 7) Speaks in sentences
	Demonstrates an awareness of print in written language	8) Expresses wants, needs, and thoughts in basic writing forms (scribble) 9) Identifies alphabet letters when shown in combination of alphabet letters, numerals, and other symbols
	Uses written language to establish a connection and to interact with print	10) Engages in pre-writing activities 11) Draws a picture that conveys meaning to a story 12) Communicates in written form (journal dictation and/or writing)
	Identifies and writes words in context using letter-sound relationships (graphophonic/phonemic) and basic sight words	13) Identifies and begins to spell simple sight words that have meaning to the student 14) Begins to write simple sentences that have meaning to the student
	Demonstrates the writing process	15) Positions paper in order to write in a left to right progression and moving from top to bottom on the page 16) Traces shapes 17) Reproduces and begins to write uppercase and lowercase letters in a natural setting and for a meaningful purpose 18) Reproduces a visual pattern

Grade Level	Benchmarks	Items
K-3 Writing Instructional Intervention Supplement (Kindergarten)	Demonstrates the writing process	19) Writes first name legibly 20) Participates in the pre- writing process (draft, rewrite, finalize)
	Writes for a purpose	21) Appropriates writing and uses scribble/drawing to communicate an idea 22) Begins to use letters to make words that express ideas 23) Writes/draws or dictates for a specific audience
K-3 Writing Instructional Intervention Supplement (Grade 1)	Exhibits developmentally appropriate oral language for communication purposes	1) Retells a personal story 2) Responds to questions in conversation using words and phrases in the primary language 3) Participates in conversation while interacting with peers 4) Sequences in proper order 5) Recalls sequence of events 6) Uses positional words 7) Speaks in sentences
	Demonstrates an awareness of print in written language	8) Writes from left to right on page; top to bottom direction 9) Writes words using correct spacing 10) Writes simple complete sentences using correct subject/verb sentence patterns 11) Writes a statement sentence 12) Recognizes a question sentence
	Uses written language to establish a connection and to interact with print	13) Writes personal experiences to retell a story 14) Expresses self through drawing/writing 15) Writes to retell a story read or presented orally
	Identifies and writes words in context using letter-sound relationships (graphophonic/phonemic) and basic sight words	16) Writes words using letter/sound relationships 17) Spells frequently used sight words correctly
	Demonstrates the writing process	18) Pre-writes to organize ideas 19) Creates a draft using pre-writing activities 20) Revises draft to improve content of draft 21) Edits for errors 22) Publishes selected final work
	Writes for a purpose	23) Expresses self through drawing/writing 24) Writes for a specific audience

Grade Level	Benchmarks	Items
K-3 Writing Instructional Intervention Supplement (Grade 2)	Exhibits developmentally appropriate oral language for communication purposes	1) Retells a personal story 2) Responds to questions in conversation using words and phrases in the primary language 3) Participates in conversation while interacting with peers
	Demonstrates an awareness of print in written language	4) Uses sentence patterns (S, V, DO, and S, V, IO, DO) 5) Writes statements and questions 6) Recognizes exclamatory and command sentences 7) Writes descriptive sentences 8) Writes simple paragraphs
	Uses written language to establish a connection and to interact with print	9) Communicates in written form 10) Writes to retell a story
	Identifies and writes words in context using letter-sound relationships (graphophonic/phonemic) and basic sight words	11) Spells and writes frequently used words correctly 12) Uses basic sight words in writing 13) Recognizes and writes word patterns (rhyming words, suffixes, prefixes)
	Demonstrates the writing process	14) Pre-writes to organize ideas 15) Creates a draft using pre-writing activities 16) Revises to improve content of draft 17) Edits for errors 18) Publishes final copy
	Writes for a purpose	19) Writes to communicate 20) Writes to tell a personal story 21) Uses writing as a research tool
K-3 Writing Instructional Intervention Supplement (Grade 3)	Exhibits developmentally appropriate oral language for communication purposes	1) Responds appropriately in conversation with others 2) Expresses thoughts and ideas orally
	Demonstrates an awareness of print in written language	3) Uses a variety of sentence patterns when writing 4) Writes the four types of sentences 5) Develops a paragraph by constructing several sentences on one topic in a logical order 6) Develops sequential story lines

Grade Level	Benchmarks	Items

K-3 Writing Instructional Intervention Supplement (Grade 3)	Uses written language to establish a connection and to interact with print	7) Writes using content-related words 8) Makes appropriate and varied word choices 9) Writes to retell a story
	Identifies and writes words in context using letter-sound relationships (graphophonic/phonemic) and basic sight words	10) Spells frequently used words correctly 11) Transfers knowledge of spelling patterns to improve writing 12) Uses resources to assist with spelling (teacher, dictionary, computer, other students)
	Demonstrates the writing process	13) Employs the steps in the writing process 14) Develops various pre-writing strategies 15) Compiles information and composes a rough draft 16) Revises writing to clarify meaning 17) Edits writing to conventional standards in mechanics and spelling 18) Publishes selected works
	Writes for a purpose	19) Writes to inform 20) Writes to communicate 21) Writes to entertain 22) Writes to describe 23) Writes for a specific audience

Grade Level	Benchmarks	Items

4-8 Reading Instructional Intervention Supplement (Grade 4)	Demonstrates proficiency in the reading process	1) Reads orally with fluency based on rate, intonation, phrasing, and naturalness 2) Self-corrects when reading miscues 3) Reads fluently with understanding
	Uses the process of word analysis/decoding to identify and comprehend words in context	4) Utilizes prior knowledge 5) Extends word patterns (e.g., prefixes, suffixes, inflectional endings) 6) Identifies/spells frequently-used words correctly 7) Expands sight vocabulary 8) Identifies multiple meanings of words 9) Recognizes synonyms, antonyms, homonyms, and compound words 10) Uses figurative language/sound devices (e.g., rhyming, alliteration, onomatopoeia) 11) Recognizes spelling patterns and phonetic generalizations 12) Differentiates between contractions and possessives 13) Decodes unknown words using the three-cueing system (e.g., semantics/context meaning, syntax/sentence structure, graphophonic/ sound-symbol correspondence)
	Uses comprehension strategies to get information from a wide range of materials	14) Utilizes prior knowledge 15) Identifies analogies 16) Summarizes information 17) Utilizes visual aids to completely understand the passage (e.g., picture, list, table, chart, graph) s the relifies and applies knowledge of organizational patterns (e.g., sequence, cause and effect, compare/ contrast) 19) Identifies and summarizes main idea and supporting details 20) Makes predictions, draws conclusions, and infers meaning

Grade Level	Benchmarks	Items

4-8 Reading Instructional Intervention Supplement (Grade 4)	**Uses comprehension strategies to get information from a wide range of materials**	21) Retells a story 22) Describes story elements (e.g., characters, setting, plot, theme, mood/tone, conflict and solution) 23) Skims and scans to locate key information 24) Rereads to determine meaning 25) Utilizes parts of book (e.g., table of contents, title page, index, glossary, headings, captions) 26) Identifies and utilizes variety of resource texts (e.g., dictionary, thesaurus, encyclopedia, atlas, computer)
	Reads and understands various types of literary selections (genres – e. g., fiction, nonfiction, biographies, poetry)	27) Utilizes prior knowledge 28) Identifies the author's purpose (e.g., inform, entertain, persuade, describe) 29) Understands the meaning of a passage from a selection 30) Knows the differences among the genres of fiction, non-fiction, poetry, and plays 31) Connects literature to real-life situations 32) Interprets figurative language/literary devices (e.g., similes, metaphors, personification, idioms)
	Reads and evaluates persuasive text	33) Utilizes prior knowledge 34) Identifies fact and opinion 35) Identifies the author's position (author's personal view) 36) Identifies informative and persuasive passages
	Reads and interprets practical workplace data (e.g., recipes, assembly directions, applications, menus)	37) Utilizes prior knowledge 38) Follows the directions in a passage 39) Explains importance of correct sequence of activities in a procedure 40) Interprets specialized vocabulary 41) Identifies information which provides additional clarity (e.g., bold-faced print, illustrations, italics)

Grade Level	Benchmarks	Items

4-8 Reading Instructional Intervention Supplement (Grade 4)	Reads and interprets practical workplace data (e.g., recipes, assembly directions, applications, menus)	42) Locates and applies appropriate information (e.g., phone books, manuals, order forms) 43) Interprets graphic aids in a passage
	Utilizes listening skills for a variety of purposes	44) Follows multi-step directions 45) Listens to and comprehends oral reading

Grade Level	Benchmarks	Items

4-8 Reading Instructional Intervention Supplement (Grade 5)	Demonstrates proficiency in the reading process	1) Reads orally with fluency based on rate, intonation, phrasing, and naturalness 2) Self-corrects when reading miscues 3) Reads fluently with understanding
	Uses the process of word analysis/decoding to identify and comprehend words in context	4) Utilizes prior knowledge 5) Extends word patterns (e.g., prefixes, suffixes, inflectional endings) 6) Expands sight vocabulary 7) Decodes unknown words using the three-cueing system (e.g., semantics/context meaning, syntax/sentence structure, graphophonic/sound-symbol correspondence) 8) Expands usage of antonyms, synonyms, and homonyms 9) Differentiates between contractions and possessives 10) Utilizes spelling patterns and phonetic generalizations (e.g., â = awful, caught) 11) Uses multiple meanings of words/homographs 12) Uses figurative language/ sound devices (e.g., rhyming, alliteration, onomatopoeia) 13) Identifies/spells frequently-used words correctly
	Uses comprehension strategies to get information from a wide range of materials	14) Utilizes prior knowledge 15) Identifies analogies 16) Utilizes visual aids to completely understand the passage (e.g., picture, list, table, chart, graph) 17) Identifies and applies knowledge of organizational patterns (e.g., sequence, cause and effect, compare/ contrast) 18) Locates, summarizes, and combines information from different sources (e.g., dictionary, thesaurus, encyclopedia, atlas, computer) 19) Identifies and makes inferences 20) Skims and scans to locate key information
Grade Level	**Benchmarks**	**Items**
		21) Retells stories

4-8 Reading Instructional Intervention Supplement (Grade 5)	**Uses comprehension strategies to get information from a wide range of materials**	22) Utilizes parts of a book (e.g., table of contents, glossary, index, title page, headings, captions) 23) Identifies story elements (e.g., character, setting, plot, theme, mood/tone, conflict, and solution) 24) Rereads to determine meaning 25) Identifies and summarizes main idea and supporting details 26) Makes predictions, draws conclusions, and infers meaning 27) Identifies and utilizes variety of resource texts (e.g., encyclopedia, dictionary, thesaurus, atlas, computer)
	Reads and understands various types of literary selections (genres – e.g., fiction, nonfiction, biographies, poetry)	28) Utilizes prior knowledge 29) Identifies point of view (e.g., first person, third person) 30) Interprets figurative language/literary devises (e.g., similes, metaphors, personification, hyperboles) 31) Identifies and creates genres (e.g., fiction, non-fiction, biography, poetry) 32) Identifies author's purpose (e.g., inform, entertain, persuade, describe) 33) Connects literature to real-life situations 34) Understands the meaning of a passage from a selection
	Reads and evaluates persuasive text	35) Utilizes prior knowledge 36) Identifies fact and opinion 37) Distinguishes between informative and persuasive passages 38) Identifies author's position (author's personal view)
	Reads and interprets practical workplace data (e.g., recipes, assembly directions, applications, menus)	39) Utilizes prior knowledge 40) Follows the directions in a passage 41) Locates and applies appropriate information (e.g., phone book, manuals, menu, order forms) 42) Identifies sequence of activities needed to carry out a procedure
Grade Level	**Benchmarks**	**Items**

4-8 Reading Instructional Intervention Supplement (Grade 5)	Reads and interprets practical workplace data (e.g., recipes, assembly directions, applications, menus)	43) Interprets specialized vocabulary 44) Identifies information which provides additional clarity (e.g., bold-faced print, illustrations, italics)
	Utilizes listening skills for a variety of purposes	45) Follows multi-step directions 46) Listens to and comprehends oral reading

Grade Level	Benchmarks	Items
		1) Reads orally with fluency

4-8 Reading Instructional Intervention Supplement (Grade 6)	Demonstrates proficiency in the reading process	based on rate, intonation, phrasing, and naturalness 2) Self-corrects when reading miscues 3) Reads fluently with understanding
	Uses the process of word analysis/decoding to identify and comprehend words in context	**4) Utilizes prior knowledge** 5) Decodes unknown words using the three-cueing system (e.g., semantics/ context meaning, syntax/ sentence structure, graphophonic/ sound-symbol correspondence) 6) Uses word patterns to correctly spell words in context 7) Extends word patterns (e.g., prefixes, suffixes, inflectional ending) 8) Uses synonyms, antonyms, and homonyms 9) Uses multiple meanings of words/homographs 10) Interprets the meaning of contractions and possessives 11) Utilizes figurative language/sound devices (e.g., rhyming, alliteration, onomatopoeia) 12) Identifies/spells frequently-used words correctly
	Uses comprehension strategies to get information from a wide range of materials	13) Utilizes prior knowledge 14) Identifies analogies 15) Locates, summarizes, and combines information from different sources (e.g., dictionary, thesaurus, encyclopedia, atlas, computer) 16) Utilizes visual aids to completely understand the passage (e.g., picture, list, table, chart, graph) 17) Utilizes parts of a book (e.g., table of contents, index, glossary, chapter heading) 18) Identifies and applies knowledge of organizational patterns (e.g., sequence, cause and effect, compare/ contrast) 19) Summarizes main idea and supporting details
Grade Level	**Benchmarks**	**Items**

4-8 Reading Instructional Intervention Supplement (Grade 6)	**Uses comprehension strategies to get information from a wide range of materials**	20) Makes predictions, draws conclusions, and infers meaning 21) Skims and scans to locate key information 22) Rereads to determine meaning 23) Retells a story 24) Identifies the story elements (e.g., character, setting, plot, theme, mood/tone, conflict, and solution)
	Reads and understands various types of literary selections (genres – e.g., fiction, nonfiction, biographies, poetry)	25) Utilizes prior knowledge 26) Identifies and creates genres 27) Connects the content of the passage to real life or current events 28) Determines author's purpose (e.g., entertain, describe, persuade, inform); mood/tone (e.g., humorous, persuasive, ominous); point of view (e.g., first person, third person, omniscient) 29) Uses figurative language/literary devices (e.g., similes, metaphors, personification, hyperbole) 30) Understands the meaning of a passage from a selection
	Reads and evaluates persuasive text	31) Utilizes prior knowledge 32) Understands the author's position (author's personal view) 33) Distinguishes between fact and opinion 34) Recognizes persuasive and propaganda techniques (e.g., bias, slant, misinformation, propaganda)
	Reads and interprets practical workplace data (e.g., recipes, assembly directions, applications, menus)	35) Utilizes prior knowledge 36) Follows written directions within a passage 37) Interprets specialized vocabulary 38) Compares the relationship between graphic aids and the content of the passage 39) Determines the sequence of activities needed to carry out a procedure
Grade Level	**Benchmarks**	**Items**

4-8 Reading Instructional Intervention Supplement (Grade 6)	Reads and interprets practical workplace data (e.g., recipes, assembly directions, applications, menus)	40) Locates and applies appropriate information (e.g., phone book, manuals, order forms) 41) Identifies information which provides additional clarity (e.g., bold-faced print, illustrations, italics)
	Utilizes listening skills for a variety of purposes	42) Follows oral directions 43) Listens to and comprehends oral reading

Grade Level	Benchmarks	Items

4-8 Reading Instructional Intervention Supplement (Grade 7)	Demonstrates proficiency in the reading process	1) Reads orally with fluency based on rate, intonation, phrasing, and naturalness 2) Self-corrects when reading miscues 3) **Reads fluently with understanding**
	Uses the process of word analysis/decoding to identify and comprehend words in context	**4) Utilizes prior knowledge** 5) Utilizes root words, prefixes, and suffixes 6) Decodes unknown words using the three-cueing system (e.g., semantics/context meaning, syntax/sentence structure, graphophonic/ sound-symbol correspondence) 7) Uses spelling patterns and inflectional endings 8) Utilizes figurative language/sound devices (e.g., rhyming, alliteration, onomatopoeia) 9) Spells frequently-used words correctly
	Uses comprehension strategies to get information from a wide range of materials	10) Utilizes prior knowledge 11) Interprets analogies 12) Skims and scans to locate key information 13) Rereads to determine meaning 14) Utilizes parts of a book (e.g., table of contents, index, glossary, title page, headings, captions) 15) Utilizes visual aids to completely understand a passage (e.g., picture, list, table, chart, graph) 16) Identifies and applies knowledge of organizational patterns (e.g., sequence, cause and effect, compare/ contrast) 17) Summarizes main idea and supporting details 18) Makes predictions, infers information, and draws conclusions 19) Summarizes information 20) Locates and combines information from reference sources (e.g., dictionary, thesaurus, encyclopedia, atlas, computer)
Grade Level	**Benchmarks**	**Items**

4-8 Reading Instructional Intervention Supplement (Grade 7)	**Uses comprehension strategies to get information from a wide range of materials**	21) Retells a story 22) Analyzes characters (e.g., physical characteristics, character traits, relationships) 23) Identifies story elements (e.g., character, setting, conflict, climax, theme, mood, resolution)
	Reads and understands various types of literary selections (genres– e.g., fiction, nonfiction, biographies, poetry)	24) Utilizes prior knowledge 25) Interprets the meaning of passages 26) Identifies characteristics of genres 27) Recognizes author's tone (e.g., humorous, persuasive, ominous); purpose (e.g., entertain, persuade, inform); and point of view (e.g., first person, third person, omniscient) 28) Recognizes figurative language/literary devices (e.g., metaphors, similes, personification, hyperbole) 29) Connects literature to real-life situations
	Reads and evaluates persuasive text	30) Utilizes prior knowledge 31) Compares and contrasts informative and persuasive passages 32) Determines the author's position (author's personal view) and defends/supports with details 33) Recognizes persuasive techniques (e.g., bias, slant, misinformation, propaganda)
	Reads and interprets practical workplace data (e.g., recipes, assembly directions, applications, menus)	34) Utilizes prior knowledge 35) Identifies essential information in directions 36) Supplies relevant information for forms 37) Explains how organizational aids and/or graphics relate to the content of the text 38) Interprets specialized vocabulary in a context 39) Determines the sequence of activities in a procedure
Grade Level	**Benchmarks**	**Items**

4-8 Reading Instructional Intervention Supplement (Grade 7)	Reads and interprets practical workplace data (e.g., recipes, assembly directions, applications, menus)	40) Locates and applies appropriate information (e.g., phone book, manuals, order forms) 41) Identifies information which provides additional clarity (e.g., bold-faced print, illustrations, italics)
	Utilizes listening skills for a variety of purposes	42) Listens to and comprehends oral reading 43) Recalls main idea, details, and facts 44) Responds to peers/teachers after listening

Grade Level	Benchmarks	Items

4-8 Reading Instructional Intervention Supplement (Grade 8)	Demonstrates proficiency in the reading process	1) Reads orally with fluency based on rate, intonation, phrasing, and naturalness 2) Self-corrects when reading miscues 3) Reads fluently with understanding
	Uses the process of word analysis/decoding to identify and comprehend words in context	**4) Utilizes prior knowledge** 5) Uses root words, prefixes, and suffixes 6) Uses multiple meanings 7) Utilizes synonyms, antonyms, and homonyms 8) Decodes unknown words using the three-cueing system (e.g., semantics/ context meaning, syntax/ sentence structure, and graphophonic/sound-symbol correspondence) 9) Uses spelling patterns and inflectional endings 10) Utilizes figurative language/sound devices (e.g., rhyming, alliteration, onomatopoeia)
	Uses comprehension strategies to get information from a wide range of materials	11) Utilizes prior knowledge 12) Utilizes visual aids to completely understand a passage (e.g., picture, list, table, chart, graph) 13) Identifies and applies knowledge of organizational patterns (e.g., sequence, cause and effect, compare/ contrast) 14) Recalls details and justifies 15) Makes predictions, draws conclusions, and infers meaning 16) Skims and scans to locate key information 17) Summarizes or paraphrases a story 18) Retells a story 19) Uses parts of a book (e.g., title page, table of contents, index, glossary, headings, captions) 20) Interprets and uses analogies
Grade Level	**Benchmarks**	**Items**

4-8 Reading Instructional Intervention Supplement (Grade 8)	**Uses comprehension strategies to get information from a wide range of materials**	21) Locates and combines information from reference sources (e.g., dictionary, thesaurus, encyclopedia, atlas, computer) 22) Rereads to determine meaning 23) Summarizes main idea and supporting details 24) Identifies story elements (e.g., character, setting, plot, theme, mood/tone, conflict, climax, resolution)
	Reads and understands various types of literary selections (genres – e.g., fiction, nonfiction, biographies, poetry)	25) Utilizes prior knowledge 26) Interprets the various types of genres 27) Recognizes author's purpose (e.g., entertain, persuade, inform); mood/tone (e.g., humorous, persuasive, ominous); point of view (e.g., first person, third person, omniscient) 28) Connects literature to real-life situations 29) Interprets the meaning of passages 30) Recognizes figurative language/literary devices (e.g., metaphors, similes, personification, hyperbole)
	Reads and evaluates persuasive text	31) Utilizes prior knowledge 32) Recognizes and uses persuasive techniques (e.g., bias, slant, misinformation, propaganda) 33) Determines author's position (author's personal view) and defends/supports with details
	Reads and interprets practical workplace data (e.g., recipes, assembly directions, applications, menus)	34) Utilizes prior knowledge 35) Reads and follows written and oral directions in passages 36) Identifies and interprets specialized vocabulary in a context (jargon) 37) Determines the sequence of activities for procedure 38) Locates and applies appropriate information (e.g., phone book, manuals, and order forms)
Grade Level	**Benchmarks**	**Items**

4-8 Reading Instructional Intervention Supplement (Grade 8)	Reads and interprets practical workplace data (e.g., recipes, assembly directions, applications, menus)	39) Identifies information which provides additional clarity (e.g., bold-faced print, illustrations, italics)
	Utilizes listening skills for a variety of purposes	40) Listens to and comprehends oral reading 41) Listens to and responds to teacher/peers

Grade Level	Benchmarks	Items
4-8 Writing Instructional	Demonstrates proficiency in	1) Uses a variety of sentence patterns when writing

Intervention Supplement (Grade 4)	the writing process	2) Demonstrates proficiency in writing mechanics (capitalization, punctuation) 3) Demonstrates proficiency in writing usage (subject-verb agreement) 4) Self-corrects and corrects others' writing by editing/ proofreading (mechanics, usage, and spelling) 5) Develops a paragraph by writing several sentences on one topic in a logical order 6) Uses grade-level vocabulary
	Uses the process of writing to demonstrate comprehension of what has been read	7) Summarizes information in written form 8) Responds in writing using sequential order 9) Responds to text by identifying and writing story elements 10) Responds to text by writing to retell a story
	Uses information from a wide range of materials/sources to produce a written product	11) Organizes content of text, media, and other printed material to construct a written report 12) Develops and presents a written report
	Critiques in writing various types of literary passages	13) Identifies and writes author's purpose (inform, entertain, persuade, describe) 14) Writes about how a passage makes him/her feel
	Writes for various purposes	15) Identifies and writes different types of compositions to inform, entertain, persuade, and describe 16) Writes for various audiences
	Creates and/or completes through writing practical workplace data	17) Applies appropriate written information using specialized vocabulary (directions, instructions, recipes, etc.) 18) Creates graphic aids to illustrate written information

Grade Level	Benchmarks	Items
4-8 Writing Instructional	Listens and responds in	19) Composes personal

Intervention Supplement (Grade 4)	writing	response 20) Composes and shares written response

Grade Level	Benchmarks	Items
4-8 Writing Instructional	Demonstrates proficiency in	1) Uses a variety of sentence

Intervention Supplement (Grade 5)	the writing process	patterns when writing 2) Demonstrates proficiency in writing mechanics (capitalization, punctuation) 3) Demonstrates proficiency in writing usage (subject-verb agreement) 4) Self-corrects and corrects others' writing by editing/ proofreading (mechanics, usage, and spelling) 5) Uses grade level vocabulary
	Uses the process of writing to demonstrate comprehension of what has been read	6) Summarizes passages in writing after reading 7) Predicts story endings in writing 8) Creates new endings for stories in writing 9) Describes characters in stories in writing 10) Responds to text by identifying and writing story elements 11) Responds to text by writing to retell a story
	Uses information from a wide range of materials/sources to produce a written product	12) Creates written reports using a variety of materials 13) Creates class presentations using a variety of materials 14) Researches various topics such as businesses, places, or jobs and creates written presentations
	Critiques in writing various types of literary passages	15) Writes about how a passage makes him/her feel 16) Writes about story elements that made a story fictional 17) Writes about how to identify with people in stories 18) Identifies and writes author's purpose
	Writes for various purposes	19) Writes for various audiences 20) Creates different types of compositions to inform, entertain, describe, and persuade 21) Creates various genres of literary writing

Grade Level	Benchmarks	Items

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4-8 Writing Instructional Intervention Supplement (Grade 5)	Creates and/or completes through writing practical workplace data	22) Writes instructions for completing a task 23) Writes directions for reaching a location
	Listens and responds in writing	24) Writes a summary of a passage read aloud 25) Writes about how he/she feels after listening to a passage read aloud

Grade Level	Benchmarks	Items
4-8 Writing Instructional	Demonstrates proficiency in	1) Demonstrates knowledge of sentence patterns

Intervention Supplement (Grade 6)	the writing process	2) Uses a variety of sentence patterns when writing 3) Demonstrates proficiency in writing usage 4) Demonstrates proficiency in writing mechanics 5) Self-corrects and corrects others' writing by editing/proofreading using mechanics, usage, and spelling **6) Uses grade level vocabulary**
	Uses the process of writing to demonstrate comprehension of what has been read	**7) Utilizes prior knowledge** **8) Responds to text by identifying story elements** **9) Writes in sequential order about a passage after reading** **10) Summarizes key points of a passage** **11) Writes character descriptions** **12) Completes a character analysis** **13) Expresses feelings toward characters in a story** **14) Responds to text by writing to retell a story**
	Uses information from a wide range of materials/sources to produce a written product	**15) Uses reference materials when writing factual compositions** **16) Utilizes a dictionary and/or thesaurus when editing** **17) Interviews to obtain information**
	Critiques in writing various types of literary passages	**18) Responds to passages using an opinion-based approach** **19) Responds to passages using a fact-based approach** **20) Identifies and discusses in writing author's purpose for story or passage**
	Writes for various purposes	**21) Writes for various audiences** **22) Creates different types of composition to entertain, inform, persuade, and describe** **23) Writes friendly letters** **24) Writes thank-you notes**
Grade Level	**Benchmarks**	**Items**

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4-8 Writing Instructional Intervention Supplement (Grade 6)	Creates and/or completes through writing practical workplace data	**25) Writes a business letter** **26) Completes a simple application** **27) Creates a list of directions** **28) Creates a menu**
	Listens and responds in writing	**29) Responds to text using various points of view** **30) Integrates writing to interpret personal ideas/opinions and those ideas and opinions of others** **31) Writes a summary of a passage read aloud**

Grade Level	Benchmarks	Items

4-8 Writing Instructional Intervention Supplement (Grade 7)	Demonstrates proficiency in the writing process	1) Demonstrates knowledge of sentence patterns 2) Utilizes a variety of patterns when writing 3) Demonstrates proficiency in writing usage 4) Demonstrates proficiency in writing mechanics 5) Demonstrates correct spelling and applies spelling concepts when writing and editing 6) Self-corrects and corrects others' writing by editing/ proofreading 7) Uses grade level vocabulary
	Uses the process of writing to demonstrate comprehension of what has been read	8) Utilizes prior knowledge 9) Summarizes main idea and supporting details 10) Summarizes or paraphrases a literary passage 11) Writes character analysis 12) Recalls details and justifies 13) Recreates storyline in sequential order 14) Responds to text by addressing in writing story elements 15) Responds to text by writing to retell a story
	Uses information from a wide range of materials/sources to produce a written product	16) Uses prior knowledge 17) Organizes content of texts, media, and other printed material to construct a written product 18) Develops and presents a written project
	Critiques in writing various types of literary passages	19) Identifies and explains author's purpose 20) Writes to interpret ideas and opinions of others
	Writes for various purposes	21) Identifies and composes many types of compositions (narrative, persuasive, expository or informative, descriptive) 22) Writes for various audiences
Grade Level	**Benchmarks**	**Items**

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4-8 Writing Instructional Intervention Supplement (Grade 7)	Writes for various purposes	23) Creates various genres of literary writing (fiction, non-fiction, biography, auto-biography, poetry, etc.)
	Creates and/or completes through writing practical workplace data	24) Composes business letters and memos 25) Completes applications, order forms, etc.
	Listens and responds in writing	26) Writes personal reaction to story, poem, etc. 27) Answers questions about passages 28) Integrates writing to interpret personal ideas/opinions and the ideas/opinions of others

Grade Level	Benchmarks	Items

4-8 Writing Instructional Intervention Supplement (Grade 8)	Demonstrates proficiency in the writing process	1) Identifies and demonstrates knowledge of sentence patterns 2) Utilizes a variety of sentence patterns 3) Writes for a variety of purposes 4) Uses proper mechanics and usage 5) Self-corrects and corrects others' writing by editing/ proofreading (uses proper mechanics, usage, spelling) 6) Utilizes appropriate grade level vocabulary
	Uses the process of writing to demonstrate comprehension of what has been read	7) Writes sequentially to present what has been read 8) Utilizes prior knowledge 9) Summarizes or paraphrases a literary passage 10) Writes character analysis 11) Responds to passages by addressing story elements
	Uses information from a wide range of materials/sources to produce a written product	12) Compiles information from texts, media, and other printed materials to construct a written product 13) Organizes content of texts, media, and other printed materials to construct a written product 14) Develops and presents a written product
	Critiques in writing various types of literary passages	15) Utilizes prior knowledge 16) Explains and writes author's purpose (inform, entertain, persuade, describe) 17) Writes to interpret ideas and opinions of others
	Writes for various purposes	18) Utilizes prior knowledge 19) Creates different types of composition to entertain, inform, persuade, and describe 20) Creates various genres of literary writing (fiction, non-fiction, biography, auto-biography, poetry, etc.)
Grade Level	**Benchmarks**	**Items**

4-8 Writing Instructional Intervention Supplement (Grade 8)	Creates and/or completes through writing practical workplace data	21) Utilizes prior knowledge 22) Completes applications, forms, etc. 23) Writes sequence of activities to complete a procedure (directions, instructions)
	Listens and responds in writing	24) Utilizes prior knowledge 25) Writes a summary of passages heard 26) Writes personal reaction to passage 27) Integrates writing to interpret personal ideas/opinions and the ideas/opinions of others

Grade Level	Benchmarks	Items

English Language Learners Instructional Intervention Guide	**Develops listening skills**	1) Follows simple directions (commands) 2) Listens to an age appropriate story with picture cues or graphic organizers 3) Listens to and understands oral reading by teachers, peers, and speakers. 4) Listens and responds appropriately to teachers/peers
	Produces appropriate oral language	5) Expresses and demonstrates basic wants and needs 6) Responds to questions using words/phrases 7) Participates in conversation with peers/teachers 8) Uses positional words (prepositions) 9) Sequences words in Standard English order 10) Recalls the sequence of events (puts in order) 11) Retells a personal experience, story, or event 12) Speaks in sentences
	Demonstrates an awareness of books, print, and reading process	13) Understands left to right progression on the page; top to bottom directions 14) Holds a book correctly 15) Recognizes print in the environment 16) Identifies where the reader would begin and end; points to a letter and a word 17) Demonstrates knowledge of word boundaries and letters 18) Recognizes story elements 19) Recognizes the functions of the different parts of the book
	Uses language to interact with print	20) Follows oral and written directions 21) Communicates through drawing/writing 22) Expands sight vocabulary 23) Spells frequently used words

Grade Level	Benchmarks	Items
English Language Learners Instructional Intervention Guide	Develops oral reading fluency based on rate, intonation, phrasing, and naturalness	24) Recognizes many sight words 25) Self-corrects when reading miscues
	Develops and extends phonemic awareness	26) Recognizes word units in a phrase or a sentence (word segmenting) 27) Recognizes and produces rhyming sounds/words 28) Isolates, blends, and segments phonemes 29) Isolates, blends, and segments syllables 30) Adds, deletes, and transposes phonemes 31) Discriminates minimal pairs (e.g., sheep/ship, bed/bet, coat/goat)
	Develops and utilizes letter-sound (grapheme/phoneme) relationships to identify words in context	32) Extends word patterns 33) Decodes unknown words in context using semantic/meaning cues, syntactic/sentence structure cues, and graphophonic cues (sound - symbol correspondence)
	Derives meaning from text and extends meaning beyond the print	34) Attends to a story read aloud 35) Retells a story 36) Distinguishes between fiction and nonfiction 37) Makes prediction 38) Utilizes picture/context cues 39) Determines cause and effect 40) Recalls details 41) Compares and contrasts 42) Recognizes synonyms, antonyms, homonyms, contractions, and compound words 43) Draws conclusions 44) Uses title page, table of contents, index, and glossary as information sources

Grade Level	Benchmarks	Items
English Language Learners Instructional Intervention Guide	Gains knowledge and an understanding of the target culture	45) Identifies and explains U.S. holidays 46) Discusses and compares food preferences 47) Analyzes educational structure and values 48) Uses appropriate register (e.g., body language, degree of formality, proximity, and gestures) 49) Demonstrates understanding of popular slang and idiomatic expressions
	Develops written communication	50) Traces shapes and lines 51) Reproduces and writes uppercase and lowercase letters 52) Writes own name legibly 53) Writes words using correct spacing 54) Responds with short written answers (e.g., words, phrases) 55) Writes simple complete sentences 56) Demonstrates proficiency in writing mechanics and usage 57) Develops a paragraph by constructing several sentences 58) Demonstrates the writing process in the retelling of a story or a personal experience (e.g., pre-writing, drafting, revising, publishing)

Grade Level	Benchmarks	Items
Mathematics Instructional Intervention Supplement (Kindergarten)	Discovers, creates, extends, and describes patterns and other relationships	1) Recognizes and identifies patterns 2) Models, extends, and describes patterns using a variety of materials and activities 3) Reproduces and describes patterns
	Collects, organizes, and interprets data using tables, charts, and graphs	4) Collects data, models, and constructs graphs using real objects 5) Interprets, explains, and analyzes data found in graphs 6) Explores and discusses "always," "maybe," and "never" events
	Uses a variety of tools and techniques to make comparisons and to develop an awareness of measurement	7) Models and discusses terms of comparison such as more/less, taller/shorter, heavier/lighter, hotter/colder, and before/after 8) Measures the length, weight, and capacity of objects using nonstandard units 9) Investigates volume (holds more, less, or about the same) using different shaped containers and materials 10) Recognizes the clock and calendar as a measurement of time 11) Applies mathematical language by telling when a certain measure is " too many," " not enough," " just right," " more than," " less than," or " equal to" for a given situation
	Recognizes basic characteristics, shapes, and properties of two and three-dimensional geometric figures	12) Traces, cuts, and manipulates shapes 13) Classifies, compares, and contrasts by name and characteristics various shapes (e.g., square, rectangle, circle, cube, prism, sphere, cone, and cylinder) 14) Demonstrates the understanding of positional words (e.g., in, above, below, over, under, beside) 15) Explores symmetry concepts through real world models and artwork 16) Explores two and three-dimensional shapes utilizing

		technology
Grade Level	**Benchmarks**	**Items**
Mathematics Instructional Intervention Supplement (Kindergarten)	**Models and applies the basic operations of addition and subtraction**	17) Explores addition and subtraction of numbers 1 to 10
	Understands multiple uses of numbers, relationships among numbers, and representations of familiar fractions	18) Counts and models a set of objects 0 to 10 (or greater) 19) Counts forward and backward 1 to 10 (or greater) 20) Recognizes and write numbers 0 to 10 (or greater) 21) Determines "first" through "tenth," "next" and "last" positions 22) Applies mathematical language by telling when a certain number is "too many," not enough," "just right," "more than," "less than," or "equal to" for a given situation 23) Introduces fraction terms and concepts including fraction, whole, all, part, some, and none 24) Uses a variety of multimedia and technology to explore number concepts
Mathematics Instructional Intervention Supplement (Grade 1)	Discovers, creates, extends, and describes patterns and other relationships	1) Identifies, represents, extends, explains, and describes patterns 2) Creates, extends, and records patterns using a wide variety of materials and procedures including the number patterns 2's, 5's, and 10's 3) Explores and explains patterns of addition and subtraction with and without the use of a calculator 4) Explores patterns using a hundreds chart
	Collects, organizes, and interprets data using tables, charts, and graphs	5) Collects data, models, and constructs graphs using real objects 6) Gathers data, constructs, and interprets bar and pictorial graphs 7) Makes a prediction, collects data, and compares results 8) Explores and discusses "always," maybe," "sometimes," and "never" events

Grade Level	Benchmarks	Items
Mathematics Instructional Intervention Supplement (Grade 1)	Uses a variety of tools and techniques to make comparisons and to develop an awareness of measurement	9) Uses nonstandard and standard units to explore length 10) Compares weights of objects 11) Explores and estimates capacity of various containers using nonstandard units 12) Places numbers correctly on an analog clock 13) Recognizes the hour-hand and minute-hand and simulates clockwise motion 14) Tells time to hour, half-hour intervals, and explore time to five-minute intervals 15) Explores concepts of hot and cold using a thermometer 16) Reads a calendar by naming months of the year and finding a particular date
	Recognizes basic characteristics, shapes, and properties of two and three-dimensional geometric figures	17) Recognizes open and closed figures 18) Recognizes and identifies two-dimensional figures including triangle, square, rectangle, and circle 19) Classifies two and three-dimensional figures according to characteristics (e.g., square, rectangle, circle, cube, prism, sphere, cone, and cylinder) 20) Identifies congruent shapes and similarity of two geometric figures 21) Identifies symmetrical objects and their lines of symmetry 22) Models, names, and follows directions using positional words (e.g., over, under, beside, in front of, in back of, inside, outside) 23) Uses multimedia resources to explore patterns, symmetry, and shapes
	Models and applies the basic operations of addition and subtraction	24) Explores and explains patterns of addition and subtraction with and without the use of a calculator 25) Uses manipulatives to explore different combinations of whole numbers, and writes the equations that accompany them 26) Explores different concepts of addition and subtraction, and writes equations that accompany them

Grade Level	Benchmarks	Items
Mathematics Instructional Intervention Supplement (Grade 1)	**Models and applies the basic operations of addition and subtraction**	27) Demonstrates that addition and subtraction are inverse operations 28) Computes basic facts 0 to 10 for addition and subtraction with and without manipulatives 29) Explores situations which involve a missing addend, subtrahend, and minuend 30) Models, draws, and discusses story problems using addition and subtraction 31) Models, draws, and discusses representations of story problems, and writes number sentences to accompany them involving addition and subtraction
	Understands multiple uses of numbers, relationships among numbers, and representations of familiar fractions	32) Tells time to hour, half-hour intervals, and explores time to five-minute intervals 33) Reads a calendar by naming months of the year and finding a particular date 34) Identifies the value of coins (e.g., penny, nickel, dime, and quarter) 35) Determines the value of like coins up to $1.00 36) Determines the value of mixed coins up to $1.00 37) Finds equal money amounts with different coin combinations up to $.25 38) Counts forward and backward 0 to 100 39) Identifies, model using manipulatives, and writes numbers 0 to 100 40) Associates names and numerals that accompany two-digit numbers 41) Compares two-digit numbers using the terms: "more," less," "greater than," "less than," "equal to," and "almost" 42) Skip count by 2's, 5's, and 10's 43) Identifies place value of a given digit in a three-digit number 44) Represents fractions by using models and drawings 45) Compares a whole to fractional parts (e.g., ½, ¼)

Grade Level	Benchmarks	Items
Mathematics Instructional Intervention Supplement (Grade 2)	**Discovers, creates extends, and describes patterns and other relationships**	1) Identifies, models, and extends figure patterns 2) Uses patterns to count pennies, nickels, dimes, and quarters 3) Counts by 2's, 3's, 5's, and 10's
	Collects, organizes, and interprets data using tables, charts, and graphs	4) Tallies, interprets, predicts, and records outcomes based on given information 5) Creates line, bar, and pictorial graphs using collected data from students and other resources 6) Interprets graphical data in terms of "more," "less," same," "most," and "least" 7) Investigates and applies concepts of probability through explorative activities (e.g., always, maybe, sometimes, and never events)
	Uses a variety of tools and techniques to make comparisons and to develop an awareness of measurement	8) Uses appropriate tools and terms to explore measurement 9) Estimates and measures length, weight, and capacity using standard units of measurement 10) Categorizes measurement terms according to length, weight, and capacity 11) Uses convincing arguments to justify the selection of a specific unit of measure for a given item 12) Collects and compares seasonal temperatures using a thermometer 13) Identifies vocabulary terms for time (e.g., before, after, until) 14) Reads and writes time to the hour, half-hour, quarter of an hour, and five-minute intervals 15) Sequences events of the day using time 16) Uses the calendar to determine past and future days 17) Identifies the parts of a clock
Grade Level	**Benchmarks**	**Items**
		18) Recognizes, identifies, and

Mathematics Instructional Intervention Supplement (Grade 2)	Recognizes basic characteristics, shapes, and properties of two and three-dimensional geometric figures	creates a circle, quadrilateral, rhombus, square, triangle, trapezoid, hexagon, and parallelogram 19) Compares and contrasts the characteristics of shapes using various resources 20) Models and finds the perimeter of simple shape 21) Recognizes, describes, and presents models of three-dimensional figures
	Models and applies the basic operations of addition and subtraction	22) Computes the basic facts 0 to 18 for addition and subtraction with and without manipulatives 23) Adds and subtracts to find missing addends and subtrahends 24) Uses the inverse relationship of addition and subtraction 25) Adds and subtracts numbers presented in vertical and horizontal format 26) Adds two and three-digit whole numbers with and without regrouping 27) Subtracts two-digit whole numbers with and without regrouping 28) Subtracts three-digit whole numbers without regrouping 29) Models and multiplies numbers 0 to 5 using repeated addition 30) Uses addition and/or subtraction to solve one and two-step problems by drawing, discussing, modeling, and writing explanations
	Understands multiple uses of numbers, relationships among numbers, and representations of familiar fractions	31) Selects and uses the appropriate symbols for dollars and cents 32) Identifies quarters and half-dollars to count groups of coins 33) Determines the value of money up to $5.00 34) Compares given values of money up to $5.00 35) Finds equal money amounts with different coin and dollar combinations 36) Makes change up to $1.00

Grade Level	Benchmarks	Items
		37) Computes multiplication facts

Mathematics Instructional Intervention Supplement (Grade 2)	Understands multiple uses of numbers, relationships among numbers, and representations of familiar fractions	0 to 5 38) Models multiplication problems by drawing and writing explanations 39) Identifies, models, and writes numbers 0 to 1000 in order 40) Sequences numbers using the terms "before," "after," and "between" 41) Identifies place value of a given digit in a four-digit number 42) Identifies and models even and odd numbers 43) Identifies, discusses, and draws representations of equivalent fractions through one-third 44) Estimates quantities to the nearest multiple of ten 45) Groups items by ones, tens, and hundreds 46) Rounds two-digit whole numbers to the nearest multiple of ten 47) Uses the symbols <, >, and = to compare two numbers
Mathematics Instructional Intervention Supplement (Grade 3)	**Represents numbers and their relationships in a variety of ways**	1) Recognizes, describes, and extends patterns (e.g., colors, shapes, numbers, and letters) 2) Creates patterns using manipulatives 3) Demonstrates and explains the relationship between numeration and patterns 4) Reads, models, and counts to five-digit numbers 5) Reads and writes number words up to five-digit numbers 6) Recognizes place value to the ten thousandth place 7) Identifies the value of a given digit in a five-digit number 8) Compares and orders five-digit numbers using <, >, and = 9) Expresses numbers in expanded notation 10) Regroups hundreds, thousands, and ten-thousands 11) Identifies points on a number line 12) Rounds numbers to the nearest 1,000 13) Recognizes, draws, models, and orders fractions with fourths, fifths, sixths, and eighths

Grade Level	Benchmarks	Items

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Mathematics Instructional Intervention Supplement (Grade 3)	**Represents numbers and their relationships in a variety of ways**	14) Recognizes, draws, and models equivalent fractions 15) Reads and writes Roman Numerals 1 – 100 16) Uses appropriate multimedia resources and manipulatives to explore number values and relationships
	Collects, reads, organizes, and interprets data using appropriate techniques and technology	17) Compares and interprets quantities represented on different types of graphs (line, bar, circle), and make predictions based on the information collected 18) Compares data represented on charts and tables 19) Uses appropriate technology and manipulatives to collect, organize, and display data 20) Explores, predicts, and models the number of different combinations of two or more objects 21) Experiments and describes the concepts of probability
	Applies a variety of techniques, tools, and formulas for determining measurements	22) Identifies and compares differences between length, weight/mass, and capacity/volume (English and metric measures) 23) Chooses appropriate units of measurement for length, weight/mass, and capacity/volume 24) Converts between pints, quarts, and gallons 25) Converts miles to feet and yards 26) Compares metric measurements to English measurements 27) Measures using various types of instruments: • length in millimeters, meters, kilometers; inches, feet, yards • weight in grams and kilograms; ounces, pounds • capacity in milliliters and liters; pints, quarts, gallons • time to nearest minute • temperature in Celsius and Fahrenheit

Grade Level	Benchmarks	Items
Mathematics Instructional	**Applies a variety of**	28) Uses manipulatives and gridded regions to determine

Intervention Supplement (Grade 3)	**techniques, tools, and formulas for determining measurements**	area of shapes 29) Estimates elapsed time 30) Estimates measures of length, weight/mass, and capacity/volume 31) Solves word problems using time, money, and measurements
	Understands relationships among geometric concepts through the means of exploration, investigation, and discovering	32) Identifies polygons with three, four, five, six, eight, and ten sides 33) Identifies and distinguishes between parallel, intersecting, and perpendicular lines 34) Identifies right angles and compares them to acute and obtuse angles 35) Establishes three-dimensional relationships (e.g., circle/sphere, square/cube, triangle/pyramid, and rectangle/rectangular prism) 36) Explores geometric concepts through appropriate technology and resources
	Applies and relates the four basic operations	37) Estimates solutions to problems using basic operations 38) Estimates sums and differences in money problems up to $100.00 39) Uses mental math to solve problems 40) Chooses appropriate operational signs to complete number sentences 41) Adds and subtracts five-digit numbers with and without regrouping 42) Adds up to three four-digit addends 43) Recalls multiplication facts 0 to 5 44) Models, explores, and states multiplication facts 6 to 12, and division facts 1 to 12 45) Multiplies up to three-digit numbers by one-digit multipliers with and without regrouping 46) Divides three-digit numbers by one-digit divisors

Grade Level	Benchmarks	Items
Mathematics Instructional	**Applies and relates the**	47) Adds and subtracts fractions with like denominators

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Intervention Supplement (Grade 3)	**four basic operations**	48) Models, explores, and recognizes decimals to tenths 49) Adds and subtracts numbers with decimals to tenths 50) Adds amounts of money up to $999.99 represented with decimal notation 51) Subtracts amounts of money from $100.00 or less 52) Counts change from $5.00 or less 53) Uses a variety of multimedia and technology resources to solve problems involving basic operations 54) Determines the value of variables to complete number sentences 55) Constructs fact families for the basic operations 56) Models, identifies, and explains the properties of basic operations using appropriate manipulatives • Zero property of addition, subtraction, multiplication, and division • Inverse operations of addition, subtraction, multiplication, and division • Commutative and associative properties of addition and multiplication • Identity property of addition and multiplication 57) Solves one and two-step word problems using the four basic operations 58) Analyzes word problems and determine if the given information is required for the solution 59) Creates and writes word problems using one or more of the basic operations 60) Uses multimedia resources to investigate and solve word problems
Mathematics Instructional Intervention Supplement (Grade 4)	Represents numbers and their relationships in a variety of ways	1) Reads and writes fractions, six-digit whole numbers, and decimal numbers through hundredths

Grade Level	Benchmarks	Items

Mathematics Instructional Intervention Supplement (Grade 4)	Represents numbers and their relationships in a variety of ways	2) Orders and compares six-digit whole numbers, decimal numbers through hundredths, and fractions with denominators of twelve or less 3) Rounds whole numbers to one hundred thousand and round decimal numbers through hundredths 4) Identifies, draws, and models equivalent fractions 5) Uses real-life objects to represent, draw, and explain the relationships between fractions and decimals 6) Utilizes a variety of multimedia and technology resources to explore numerical relationships 7) Models and identifies factors and multiples of whole numbers to one hundred 8) Counts change to $10.00 9) Recognizes, describes, and extends a given pattern 10) Analyzes a given pattern and generates a similar pattern
	Collects, reads, organizes, and interprets data using appropriate techniques and technology	11) Collects, organizes, and interprets data using bar graphs, circle graphs, line graphs, pictographs, charts, tables, and tally charts 12) Formulates and solves problems that involve data analysis and prediction 13) Investigates the concepts of probability
	Applies a variety of techniques, tools, and formulas for determining measurements	14) Measures a given object to the nearest fourth of an inch 15) Selects, uses, compares, and converts within the appropriate standard (English and metric) system of measurement 16) Determines the perimeter and areas (grid areas) of appropriate standard and nonstandard geometric figures 17) Identifies the attributes of length, weight, capacity, mass, volume, time, and temperature using English and metric units of measurement 18) Calculates and solves problems with elapsed time

Grade Level	Benchmarks	Items

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Mathematics Instructional Intervention Supplement (Grade 4)	Understands relationships among geometric concepts through the means of exploration, investigation, and discovering	19) Constructs two and three-dimensional geometric figures with concrete materials 20) Identifies, describes, classifies, and compares two dimensional and three-dimensional geometric shapes, figures, and models 21) Investigates transformational results of slides, flips, and turns 22) Identifies and models points, lines (including parallel, perpendicular, and intersecting lines), line segments, and rays 23) Recognizes right, acute, and obtuse angles 24) Defines and labels the following parts of a circle: center, radius, diameter, and chord, and explores the meaning of circumference of a circle 25) Identifies congruent and symmetrical figures 26) Investigates geometric concepts using interactive materials and resources
	Applies and relates the four basic operations	27) Uses variables and open sentences to solve problems with the four basic operations 28) Estimates sums, differences, products, and quotients using a variety of techniques 29) Determines whether estimated answers are reasonable and units are appropriate 30) Estimates and uses mental computation to solve real-life problems 31) Adds and subtracts six-digit whole numbers with and without regrouping 32) Adds and subtracts decimals to tenths, hundredths, and thousandths 33) Multiplies whole numbers by one-digit multipliers, and divides by one-digit divisors with and without remainders 34) Adds, subtracts, multiplies, and divides money amounts

Grade Level	Benchmarks	Items

Mathematics Instructional Intervention Supplement (Grade 4)	Applies and relates the four basic operations	35) Explores the four basic operations through appropriate multimedia resources 36) Adds and subtracts fractions with like and unlike denominators 37) Applies problem-solving techniques to solve one and two-step problems involving the basic operations
Mathematics Instructional Intervention Supplement (Grade 5)	**Represents numbers and their relationships in a variety of ways**	1) Compares and orders nine-digit whole numbers, decimals to the nearest thousandth, like and unlike fractions, and mixed numerals using appropriate symbols 2) Reads and writes standard form and expanded notation for numbers through hundred millions 3) Uses divisibility rules to identify factors and multiples of whole numbers to 500 4) Models and distinguishes between prime and composite numbers, factors and common factors, multiples and common multiples 5) Models and shows relationships among fractions, decimals, and percents 6) Models, identifies, and writes equivalent fractions including improper fractions and mixed numerals with like and unlike denominators 7) Develops the terminology relating to percent and computes percentages of 10, 20, 25, and 50 percent of a number
	Collects, reads, organizes, and interprets data using appropriate techniques and technology	8) Investigates the probability and patterns in tossing coins, number cubes, and spinners 9) Draws and labels bar, line, circle graphs, and pictographs 10) Gathers, organizes, and analyzes data to create tables, charts, and graphs 11) Incorporates appropriate technology and manipulatives to explore data collection, organization, and interpretation

Grade Level	Benchmarks	Items

Mathematics Instructional Intervention Supplement (Grade 5)	**Applies a variety of techniques, tools, and formulas for determining measurements**	12) Finds measurement of length to the nearest millimeter in the metric system and one-eighth inch in the English system 13) Determines appropriate units of measurement for mass, length, distance, volume, and time in the standard (English and metric) systems 14) Uses appropriate tools to measure area, perimeter, circumference, radius, and diameter in the standard (English and metric) systems 15) Converts units within a given measurement system 16) Estimates measurements of various objects 17) Solves multi-step problems using suitable measurements 18) Incorporates appropriate technology and manipulatives to explore measurements
	Explores, investigates, and discovers relationships among geometric concepts	19) Draws, labels, describes, and identifies points, line segments, and rays 20) Identifies, classifies, and finds the perimeter of polygons 21) Finds the area of squares and rectangles 22) Incorporates appropriate technology and manipulatives to explore geometric figures 23) Solves multi-step problems using geometric ideas 24) Models, draws, and describes transformations (flips, slides, and turns) of two-dimensional figures 25) Draws, measures, labels, describes, and classifies angles, quadrilaterals, and triangles
	Applies and relates the four basic operations	26) Adds and subtracts nine-digit numbers with and without regrouping 27) Multiplies four-digit by two-digit number multipliers 28) Divides by two-digit divisors with and without remainders 29) Adds and subtracts like/unlike fractions and mixed numerals 30) Adds and subtracts decimals 31) Solves problems dealing with money

Grade Level	Benchmarks	Items

Mathematics Instructional Intervention Supplement (Grade 5)	**Applies and relates the four basic operations**	32) Determines unit price when given total cost of items 33) Incorporates appropriate technology and manipulatives to explore basic operations of whole numbers, fractions, mixed numbers, and decimals 34) Solves multi-step word problems using the four basic operations with computation and estimation 35) Uses symbols and variables in addition, subtraction, multiplication and division problems 36) Selects and uses estimation techniques appropriate to specific problems
Mathematics Instructional Intervention Supplement (Grade 6)	Uses properties to create and simplify algebraic expressions and solves linear equations and inequalities	1) Solves equations in one variable using addition and subtraction 2) Models simple addition and subtraction problems using integers on a number line 3) Recognizes and continues a number pattern and/or geometric representation (e.g., triangular numbers) 4) States a rule to explain a number pattern 5) Uses whole numbers to complete a function table based on a given rule 6) Creates and solves proportional equations using one variable
	Interprets, organizes, and makes predictions using appropriate probability and statistics techniques	7) Reads and constructs line, bar, and pictographs 8) Reads and interprets circle graphs using percents 9) Constructs and explains a frequency table 10) Uses probability to predict the outcome of a single event and expresses the result as a fraction or decimal 11) Estimates and compares data to include mean, median, and mode 12) Solves problems involving combinations
	Writes and solves problems involving standard units of measurement	13) Measures length to the nearest one-sixteenth inch

Grade Level	Benchmarks	Items
		14) Identifies appropriate units for

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Mathematics Instructional Intervention Supplement (Grade 6)	Writes and solves problems involving standard units of measurement	measuring length, weight, volume, and temperature in the standard (English and metric) systems 15) Uses appropriate mathematical tools for determining length, weight, volume, and temperature in the standard (English and metric) systems 16) Uses estimation to solve problems in the standard (English and metric) systems 17) Converts units within a measurement system
	Determines the relationships and properties of two and three-dimensional geometric figures and the application of properties and formulas of coordinate geometry	18) Locates points in all four quadrants of the coordinate plane 19) Draws points, lines (parallel, perpendicular, intersecting), line segments, and rays 20) Identifies, classifies, and measures right, acute, obtuse, and straight angles 21) Creates tessellations with polygons 22) Explores the relationships of three-dimensional figures, including vertices, faces, and edges using manipulative materials 23) Describes, compares, constructs, classifies, and identifies flips, slides, and, turns (reflections, translations, and rotations) 24) Calculates the area of parallelograms (squares and rectangles) without using calculators 25) Finds the circumference of a circle with and without the use of manipulative materials 26) Determines the area of a circle with and without the use of a calculator 27) Finds the volume of cubes and rectangular prisms with and without the use of calculators

Grade Level	Benchmarks	Items
		28) Reads, writes, and rounds

Mathematics Instructional Intervention Supplement (Grade 6)	Uses basic concepts of number sense and perform operations involving exponents, scientific notation, and order of operations	twelve-digit whole numbers 29) Compares and orders whole numbers using <, >, and = 30) Writes twelve-digit whole numbers using expanded notation 31) Reads, writes, and rounds decimal numbers to the nearest ten-thousandth 32) Compares and orders decimal numbers using <, >, and = 33) Writes decimal numbers through the nearest ten-thousandth using expanded notation 34) Uses estimation to determine accuracy of solutions 35) Multiplies a three-digit decimal number by a two-digit decimal number 36) Divides a five-digit decimal number by a two-digit decimal number 37) Rounds decimal quotients to the nearest whole number, tenths, and hundredths 38) Estimates and solves one and two-step problems involving addition, subtraction, multiplication and division of decimals, with and without calculators 39) Uses the rules of divisibility to determine factors and multiples of a given number 40) Explores the relationship between integers 41) Models and writes the prime factorization of a number using exponential notation 42) Distinguishes between prime and composite numbers with and without the use of calculators 43) Uses the greatest common factor (GCF) to simplify fractions 44) Uses the least common multiple (LCM) to find common denominators
	Determines relationships among real numbers to include fractions, decimals, percents, ratios, and proportions in real life problems	45) Converts among fractions, decimals, and percents 46) Finds the percent of a number 47) Estimates and calculates sale price and/or original price using discount rates
Grade Level	**Benchmarks**	**Items**
		48) Compares and orders fractions as

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Mathematics Instructional Intervention Supplement (Grade 6)	Determines relationships among real numbers to include fractions, decimals, percents, ratios, and proportions in real life problems	well as mixed numerals 49) Determines equivalent forms of fractions 50) Uses a variety of techniques to express a fraction in simplest form 51) Locates fractions, decimals, and mixed numerals on a number line 52) Adds and subtracts mixed numerals with and without regrouping, expressing the answer in simplest form using like and unlike denominators 53) Multiplies and divides proper fractions as well as mixed numerals expressing the answer in simplest form 54) Estimates, solves, and compares solutions to one and two-step problems involving addition, subtraction, multiplication, and division of proper fractions and mixed numerals 55) Demonstrates different ways to express ratios
Mathematics Instructional Intervention Supplement (Grade 7)	Uses properties to create and simplify algebraic expressions and solve linear equations and inequalities	**1) Describes and extends patterns in sequences** **2) Identifies and uses the commutative, associative, distributive, and identity properties** **3) Translates between simple algebraic expressions and verbal phrases** **4) Solves linear equations using the addition, subtraction, multiplication, and division properties of equality with integer solutions** **5) Writes a real world situation from a given equation** **6) Writes and solves equations that represent problem-solving situations**
	Interprets, organizes, and makes predictions using appropriate probability and statistics techniques	7) Organizes data in a frequency table 8) Interprets and constructs histograms, line graphs, and bar graphs 9) Interprets and constructs circle graphs when given degrees
Grade Level	**Benchmarks**	**Items**
		10) Interprets and constructs

Mathematics Instructional Intervention Supplement (Grade 7)	Interprets, organizes, and makes predictions using appropriate probability and statistics techniques	stem-and-leaf plots and line plots from data 11) Estimates and compares data including mean, median, mode, and range of a set of data 12) Predicts and recognizes data from statistical graphs 13) Determines probability of a single event **14) Uses simple permutations and combinations**
	Writes and solves problems involving standard units of measurement	15) Converts within a standard measurement system (English and metric) 16) Converts temperature using the Fahrenheit and Celsius formulas 17) Uses standard units of measurement to solve application problems
	Determine the relationships and properties of two and three-dimensional geometric figures and the application of properties and formulas of coordinate geometry	18) Identifies polygons to twelve sides 19) Classifies and compares the properties of quadrilaterals 20) Classifies and measures angles 21) Classifies triangles by sides and angles 22) Finds the perimeter of polygons 23) Finds the area of triangles and quadrilaterals 25) Finds the circumference and area of a circle 26) Identifies congruent segments, angles, and polygons 27) Develops relationships of faces, vertices, and edges of three-dimensional figures 28) Performs transformations (rotations, reflections, translations) on plane figures using physical models and graph paper 29) Investigates symmetry of polygons 30) Develops and applies the Pythagorean Theorem to find missing sides of right triangles 31) Graphs ordered pairs on a coordinate plane

Grade Level	Benchmarks	Items

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Mathematics Instructional Intervention Supplement (Grade 7)	Uses basic concepts of number sense and perform operations involving exponents, scientific notation, and order of operations	32) Uses powers of ten to multiply and divide decimals 33) Uses patterns to develop the concept of exponents 34) Writes numbers in standard and exponential form 35) Converts between standard form and scientific notation 36) Finds and uses prime factorization with exponents to obtain the greatest common factor (GCF) and least common multiple (LCM) 37) Uses patterns to develop the concept of roots of perfect squares with and without calculators 38) Recognizes and writes integers including opposites and absolute value 39) Compares and orders integers 40) Adds, subtracts, multiplies, and divides integers with and without calculators 41) Uses the order of operations to simplify and/or evaluate numerical and algebraic expressions with and without calculators
	Determines the relationships among real numbers to include fractions, decimals, percents, ratios, and proportions in real-life problems	42) Compares, orders, rounds, and estimates decimals 43) Adds, subtracts, multiplies, and divides decimals in real-life situations with and without calculators 44) Converts among decimals, fractions, and mixed numbers 45) Expresses ratios as fractions 46) Adds, subtracts, multiplies, and divides fractions and mixed numbers 47) Uses estimation to add, subtract, multiply, and divide fractions 48) Explores equivalent ratios and express them in simplest form 49) Solves problems involving proportions 50) Determines unit rates 51) Uses models to illustrate the meaning of percent 52) Converts among decimals, fractions, mixed numbers, and percents 53) Determines the percent of a number

Grade Level	Benchmarks	Items
		54) Estimates decimals, fractions,

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Mathematics Instructional Intervention Supplement (Grade 7)	Determines the relationships among real numbers to include fractions, decimals, percents, ratios, and proportions in real-life problems.	and percents 55) Uses proportions and equations to solve problems with rate, base, and part with and without calculators 56) Finds the percent of increase and decrease 57) Solves problems involving sales tax, discount, and simple interest with and without calculators
Mathematics Instructional Intervention Supplement (Grade 8)	Uses properties to create and simplify algebraic expressions and solves linear equations and inequalities	**1) Identifies and applies the commutative, associative, and distributive properties** **2) Distinguishes between numerical and algebraic expressions, equations, and inequalities** **3) Converts between word phrases or sentences and algebraic expressions, equations, or inequalities** **4) Simplifies and evaluates numerical and algebraic expressions** **5) Solves and checks one and two-step linear equations and inequalities** **6) Solves and checks multi-step linear equations using the distributive property** **7) Graphs solutions to inequalities on a number line** **8) Writes a corresponding real life situation from an algebraic expression**
	Interprets, organizes, and makes predictions using appropriate probability and statistics techniques	9) Interprets and constructs frequency tables and charts 10) Finds the mean, median, mode, and range of a given set of data 11) Interprets and constructs bar graphs, line graphs, circle graphs, and pictographs from given data 12) Interprets and constructs stem and leaf, box and whisker, and scatter plots from given data 13) Predicts patterns or trends based on given data 14) Uses combinations and permutations in application problems 15) Calculates and applies basic probability
Grade Level	**Benchmarks**	**Items**

Mathematics Instructional Intervention Supplement (Grade8)	Writes and solves problems involving standard units of measurement	16) Converts, performs basic operations, and solves word problems using standard measurements 17) Measures line segments and finds dimensions of given figures using standard measurements 18) Writes and solves real life problems involving standard measurements 19) Selects appropriate units of measurement for real-life problems
	Determines the relationships and properties of two and three-dimensional geometric figures and the application of properties and formulas of coordinate geometry	20) Identifies parallel, perpendicular, intersecting, and skew lines 21) Identifies and describes characteristics of polygons 22) Finds the perimeter and area of polygons and circumference and area of circles 23) Classifies, draws, and measures acute, obtuse, right, and straight angles 24) Identifies and finds the missing angle measure for adjacent, vertical, complementary and supplementary angles 25) Locates and identifies angles formed by parallel lines cut by a transversal (e.g., corresponding, alternate interior, and alternate exterior) 26) Classifies triangles by sides and angles and finds the missing angle measure 27) Identifies three-dimensional figures and describes their faces, vertices, and edges 28) Uses the Pythagorean Theorem to solve problems, with and without a calculator 29) Identifies the *x* and *y*-axis, the origin, and the quadrants of a coordinate plane 30) Plots ordered pairs 31) Labels the x and y coordinates for a given point 32) Uses tables and graphs simple linear equations

Grade Level	Benchmarks	Items

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Mathematics Instructional Intervention Supplement (Grade 8)	Uses basic concepts of number sense and perform operations involving exponents, scientific notation, and order of operations	33) Simplifies expressions using order of operations 34) Uses the rules of exponents when multiplying or dividing like bases, and when raising a power to a power 35) Multiplies and divides numbers by powers of ten 36) Converts between standard form and scientific notation 37) Multiplies and divides numbers written in scientific notation 38) Evaluates and estimates powers, squares, and square roots with and without calculators
	Determines relationships among real numbers to include fractions, decimals, percents, ratios, and proportions in real life problems	39) Classifies and gives examples of real numbers such as natural, whole, integers, rational, and irrational 40) Identifies, compares, and orders fractions and decimals 41) Rounds and estimates fractions and decimals 42) Solves real life problems involving addition, subtraction, multiplication, and division of fractions, decimals, and mixed numbers 43) Determines the absolute value and additive inverse of real numbers 44) Classifies, compares, and orders integers and rational numbers 45) Adds, subtracts, multiplies, and divides integers and rational numbers with and without calculators 46) Writes ratios comparing given data 47) Converts among ratios, decimals, and percents 48) Solves proportions 49) Solves for part, rate, or base 50) Finds commissions and rates of commission, discounts, sale prices, sales tax, and simple interest 51) Finds percent of increase and decrease 52) Writes and solves real life word problems using percents with and without calculators